ADDED COMPETENCIES

- Python (PySINDy, Pandas, BeautifulSoup, Selenium, Openpyxl, Pingouin, scikit-learn, SciPy)
- PyTorch, TensorFlow
- Igor Pro
- SQL (beginner)
- Tableau & MS Office Suite
- Julia (for Scientific Machine Learning)

- Mathematica
- MATLAB (beginner)
- C++ (beginner)
- Git
- Amplification, op-amps, Quanta measurement
- AutoDesk *AutoCAD*, AutoDesk *Fusion 360*
- NI LabVIEW programming (beginner)

ADDITIONAL INFORMATION

- Experience with rigorous machine learning frameworks for scientific applications
- Coursework in Predictive Analytics, Machine Learning, Regression, Data Cleaning and Data Analysis.
- Multi-layer neural networks built in class for class projects i.e. classifying dog breeds, etc.
- Trained to always keep an eye on emerging opportunities.
- Trained to check, carefully, key claims that work/innovation depends upon.
- Trained to ground conversations in reliable principles (by returning to what's fundamental).
- Trained to gain insight by considering extreme limiting cases.
- Trained to write & document before, during, and after work.
- Proficient in English, natively speak Hindi & Marathi, limited working proficiency in Spanish.
- I am a soccer and Formula 1 fan; but I love watching all sports.
- U.S. Citizen

REFERENCES

- Ames Professor of Physics, Gabriel C. Spalding <gspaldin@iwu.edu>

- Associate Professor of Psychology & Data Science, Brad Sheese <bsheese@iwu.edu>

- Professor of Physics, Bruno deHarak <bdeharak@iwu.edu>

- Professor of Physics, Thushara Perera <tperera@iwu.edu>